

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	"10581882"	US-PGPUB; USPAT; USOCR; EPO; JPO	WITH	ON	2009/09/08 13:47
S2	1005	156/358	US-PGPUB; USPAT; USOCR; EPO; JPO	WITH	ON	2009/09/08 13:51
S3	1083	156/378	US-PGPUB; USPAT; USOCR; EPO; JPO	WITH	ON	2009/09/08 13:52
S4	148	S2 AND S3	US-PGPUB; USPAT; USOCR; EPO; JPO	WITH	ON	2009/09/08 13:52
S5	8	(S2 OR S3) AND (label \$4 SAME distance? SAME (sensor OR sensing OR sense? OR detect\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO	WITH	ON	2009/09/08 15:00
S6	63	(S2 OR S3) AND (label \$4 SAME (distan\$4 OR height) SAME (sensor OR sensing OR sense? OR detect \$4 OR gaug\$4 OR measur\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO	WITH	ON	2009/09/08 15:01
S7	42	(S2 OR S3) AND (label \$4 SAME (distan\$4 OR height) (sensor OR sensing OR sense? OR detect\$4 OR gaug\$4 OR measur\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO	WITH	ON	2009/09/08 15:01

S8	49	("2535240"   "3232815"   "3329550"   "3372079"   "3772120"   "4017350"   "4046613"   "4089725"   "4124429"   "4201621"   "4255220"   "4267004"   "4276112"   "4314869"   "4321103"   "4337108"   "4349405"   "4390386"   "4400230"   "4473429"   "4475978"   "4566933"   "4612078"   "4612079"   "4615757"   "4707211"   "4830701"   "4842660"   "4844771"   "4857121"   "5078816"   "5133827"   "5188687"   "5232539"   "Re30419").PN. OR ("5750004").URPN.	US-PGPUB; USPAT; USOCR	WITH	ON	2009/09/08 17:11
S9	7	(S2 OR S3) AND (distance? SAME (sensor OR sensing OR sense? OR detect \$4) SAME roller)	US-PGPUB; USPAT; USOCR; EPO; JPO	WITH	ON	2009/09/08 17:18

S10	13	("3218216"   "4423486"   "4595447"   "4615757"   "4927486"   "5141572"   "5232539"   "5472552"   "5865918"   "5940293"   "6615106"   "6672356").PN. OR ("7354498").URPN.	US-PGPUB; USPAT; USOCR	WITH	ON	2009/09/08 17:24
S11	73	("3024557"   "3093528"   "3238080"   "3329550"   "3427214"   "3489638"   "3562067"   "3729362"   "3806395"   "3885705"   "3888725"   "3984277"   "4106972"   "4267004"   "4276112"   "4294644"   "4321103"   "4366023"   "4488925"   "4518450"   "4542616"   "4554042"   "4561921"   "4574027"   "4585505"   "4585506"   "4612076"   "4758303"   "4769110"   "4787953"   "4799981"   "4830701"   "4840694"   "4844771"   "4867833"   "4954203").PN. OR ("5232539").URPN.	US-PGPUB; USPAT; USOCR	WITH	ON	2009/09/08 17:28

S12	38	"156"/\$7 AND (measur\$4 displac\$6 roller)	US-PGPUB; USPAT; USOCR	WITH	ON	2009/09/08 18:13
S13	11	("3238080"   "3427214"   "3682743"   "3775219"   "3793114"   "4017350").PN. OR ("4518450").URPN.	US-PGPUB; USPAT; USOCR	WITH	ON	2009/09/08 18:19
S14	333	(label\$4 (distanc\$4 OR height) (sensor OR sensing OR sense? OR detect\$4 OR gaug\$4 OR measur\$4))	JPO	AND	ON	2009/09/08 18:33
S15	22	(label\$4 (distanc\$4 OR height) (sensor OR sensing OR sense? OR detect\$4 OR gaug\$4 OR measur\$4) roller)	JPO	AND	ON	2009/09/08 18:39
S16	509	156/360	US-PGPUB; USPAT; USOCR; EPC; JPO	WITH	ON	2009/09/09 14:22
S17	361	156/360 AND (height OR distance)	US-PGPUB; USPAT; USOCR; EPC; JPO	WITH	ON	2009/09/09 15:21
S18	17	156/360 AND (height OR distance) NEAR5 displac\$6	US-PGPUB; USPAT; USOCR; EPC; JPO	WITH	ON	2009/09/09 15:21
S19	15	("4239570"   "4294644"   "4585506"   "4620887"   "4647333"   "5256239"   "5269864"   "5427029"   "5730816"   "5785798"   "5798020"   "5810955"   "RE33579").PN. OR ("6561246").URPN.	US-PGPUB; USPAT; USOCR	WITH	ON	2009/09/09 15:35

S20	11	"156"/\$7 AND label (space? OR spacing) sens\$4 stop\$4	US-PGPUB; USPAT; USOCR; EPO; JPO	WITH	ON	2009/09/09 15:38
S21	8	"156"/\$7 AND label\$4 SAME lower\$4 (sens\$4 OR detect\$4) (stop\$4 OR halt\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO	WITH	ON	2009/09/09 15:50
S22	10	"156"/\$7 AND label\$4 ((varied OR vary\$4) NEAR (height OR size? OR dimension)) SAME (sens\$4 OR detect\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO	WITH	ON	2009/09/09 15:57
S23	18	"5133827"	US-PGPUB; USPAT; USOCR; EPO; JPO	WITH	ON	2009/09/09 15:58
S24	29	label\$4 AND ((varied OR vary\$4) NEAR (height OR size? OR dimension)) AND (arm NEAR displac\$6)	US-PGPUB; USPAT; USOCR; EPO; JPO	WITH	ON	2009/09/09 16:06
S25	64	label\$4 ((varied OR vary\$4) NEAR (height OR size? OR dimension)) AND displac\$6	US-PGPUB; USPAT; USOCR; EPO; JPO	WITH	ON	2009/09/09 16:07
S26	24	(albert NEAR2 wurz). in.	US-PGPUB; USPAT; USOCR; EPO; JPO	WITH	ON	2009/09/09 16:36
S27	99	156/DI G.38	US-PGPUB; USPAT; USOCR; EPO; JPO	WITH	ON	2009/09/09 16:39
S28	49	label\$4 NEAR ((varied OR vary\$4 OR differ \$4) NEAR (height OR size? OR dimension)) AND trigger\$4	US-PGPUB; USPAT; USOCR; EPO; JPO	WITH	ON	2009/09/09 17:53
S29	17	("3505774"   "4060442").PN. OR ("4554042").URPN.	US-PGPUB; USPAT; USOCR	WITH	ON	2009/09/09 17:58

S30	14	("3075356"   "3309852"   "3419038"   "3466843"   "3505774").PN. OR ("4060442").URPN.	US-PGPUB; USPAT; USOCR	WITH	ON	2009/09/09 17:59
S31	30	156/361 AND (height OR distance) NEAR5 displac\$6	US-PGPUB; USPAT; USOCR; EPO; JPO	WITH	ON	2009/09/09 18:01
S32	32	(156/540 OR 156/541 OR 156/542) AND (height OR distance) NEAR5 displac\$6	US-PGPUB; USPAT; USOCR; EPO; JPO	WITH	ON	2009/09/09 18:03
S33	993	156/363 OR 156/364	US-PGPUB; USPAT; USOCR; EPO; JPO	WITH	ON	2009/09/17 16:39
S34	47	(156/363 OR 156/364) AND ??proxim\$6 SAME spring	US-PGPUB; USPAT; USOCR; EPO; JPO	WITH	ON	2009/09/17 16:41
S36	37	(156/363 OR 156/364) AND proxim\$6 ADJ (sensor OR detect\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO	WITH	ON	2009/09/17 16:52
S37	26	"156"/\$7 AND label\$4 AND proxim\$6 ADJ (sensor OR detect\$4) SAME (contact\$4 OR touch\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO	WITH	ON	2009/09/17 16:55
S38	13	("3218216"   "4423486"   "4595447"   "4615757"   "4927486"   "5141572"   "5232539"   "5472552"   "5865918"   "5940293"   "6615106"   "6672356").PN. OR ("7354498").URPN.	US-PGPUB; USPAT; USOCR	WITH	ON	2009/09/17 16:56

S39	403	"156"/\$7 AND label\$4 AND (sensor OR detect \$4 OR switch OR arm OR lever) NEAR (contact\$4 OR touch \$4 OR physical??)	US-PGPUB; USPAT; USOCR; EPO; JPO	WITH	ON	2009/09/17 17:34
S40	41	(156/363 OR 156/364) AND label\$4 AND (sensor OR detect\$4 OR switch OR arm OR lever) NEAR (contact \$4 OR touch\$4 OR physical??)	US-PGPUB; USPAT; USOCR; EPO; JPO	WITH	ON	2009/09/17 17:34
S41	48	"156"/\$7 AND label\$4 AND (lower\$4 OR descen\$4) SAME (sensor OR detect\$4 OR switch OR arm OR lever) NEAR (contact \$4 OR touch\$4 OR physical??)	US-PGPUB; USPAT; USOCR; EPO; JPO	WITH	ON	2009/09/17 17:42
S42	57	B65C009/\$3.FIPC.	US-PGPUB; USPAT; USOCR; EPO; JPO	WITH	ON	2009/09/21 10:20
S43	22	B65C001/\$3.FIPC.	US-PGPUB; USPAT; USOCR; EPO; JPO	WITH	ON	2009/09/21 10:21
S44	21	label\$4 (lower\$4 OR descen\$4) SAME2 (sensor OR detect\$4 OR switch OR arm OR lever OR proxim\$4) (contact\$4 OR touch \$4 OR physical??) (displac\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO	WITH	ON	2009/09/21 10:23

S45	19	("3616050"   "4132583"   "4189337"   "4210484"   "4255220"   "4367118"   "4595447"   "5236535"   "5254189"   "5300181"   "5304264"   "5370754"   "5853530").PN. OR ("6440249").URPN.	US-PGPUB; USPAT; USOCR	WITH	ON	2009/09/21 10:56
S46	45	(semiautomat?? OR (semi ADJ automat??)) NEAR label\$4	US-PGPUB; USPAT; USOCR	WITH	ON	2009/09/21 11:00
S47	164	((proximity OR touch OR contact OR physical) NEAR2 (sensor OR detector)) AND (label\$4 SAME ((differ\$4 OR vari\$4 OR vary\$4) NEAR2 (height OR size?)))	US-PGPUB; USPAT; USOCR	WITH	ON	2009/09/21 12:55
S48	11	lower\$4 (stop\$4 OR halt\$4) (proximity OR touch OR contact OR physical) (sensor OR detector OR lever OR switch OR trigger) AND (label\$4 SAME ((differ\$4 OR vari\$4 OR vary\$4) NEAR3 (height OR size? OR dimension)))	US-PGPUB; USPAT; USOCR	WITH	ON	2009/09/21 13:00
S49	255	(156/363 OR 156/364) AND proxim\$6	US-PGPUB; USPAT; USOCR; EPO; JPO	WITH	ON	2009/09/21 16:24
S50	321	(156/350-364.ccls. OR 156/538-542.ccls.) AND (label\$4 SAME ((differ\$4 OR vari\$4 OR vary\$4) NEAR5 (height OR size? OR dimension)))	US-PGPUB; USPAT; USOCR	WITH	ON	2009/09/21 16:29



S51	152	(156/350-364.ccls. OR 156/538-542.ccls.) AND (label\$4 SAME ((differ\$4 OR vari\$4 OR vary\$4) NEAR5 (height OR size? OR dimension))) AND (? tamp OR die OR foot OR pad)	US-PGPUB; USPAT; USOCR	WITH	ON	2009/09/21 16:30
S52	71	(156/350-364.ccls. OR 156/538-542.ccls.) AND (label\$4 SAME ((differ\$4 OR vari\$4 OR vary\$4) NEAR5 (height OR size? OR dimension))) AND brak \$4	US-PGPUB; USPAT; USOCR	WITH	ON	2009/09/21 16:33
S53	19	("3765349"   "4028167"   "4285752"   "4294644"   "4834824"   "4857121").PN. OR ("5250138").URPN.	US-PGPUB; USPAT; USOCR	WITH	ON	2009/09/21 16:49
S54	2	continental plastic containers	EPO	WITH	ON	2009/09/21 17:04
S55	12	("3218216"   "4595447"   "4615757"   "4927486"   "5141572"   "5232539"   "5472552").PN. OR ("6672356").URPN.	US-PGPUB; USPAT; USOCR	WITH	ON	2009/09/21 17:53
S56	61	("0583376"   "0805887"   "3232815"   "3243329"   "3329550"   "3616016"   "3616094"   "3682743"   "3729362"   "3736208"   "4025382"   "4119482"   "4124436"   "4210481").PN. OR ("4595447").URPN.	US-PGPUB; USPAT; USOCR	WITH	ON	2009/09/21 18:22

S57	16	(156/350-364.ccls. OR 156/538-542.ccls.) AND (label\$4 (distance OR height) ADJ above)	US-PGPUB; USPAT; USOCR	WITH	ON	2009/09/21 18:27
S58	69	(156/350-364.ccls. OR 156/538-542.ccls.) AND (label\$4 NEAR3 predetermined (distance OR height))	US-PGPUB; USPAT; USOCR	WITH	ON	2009/09/21 18:35
S59	50	("2681743"   "2684547"   "2712393"   "3232815"   "3329550"   "3616016"   "3625801"   "3682743"   "3729362"   "3794543").PN. OR ("4025382").URPN.	US-PGPUB; USPAT; USOCR	WITH	ON	2010/04/07 17:20
S60	265	"156"/\$7 AND label\$4 SAME predetermined ADJ (stroke OR distance OR height)	US-PGPUB; USPAT; USOCR; EPO; JPO	WITH	ON	2010/04/07 19:14
S61	1128	contact\$4 SAME spring bias\$4 (detect \$4 OR sensor OR sense \$4 OR sensing) SAME (roll\$4 OR wheel)	US-PGPUB; USPAT; USOCR; EPO; JPO	WITH	ON	2010/04/07 20:12
S62	370	156/dig.37.ccls. OR 156/dig.38.ccls. OR 156/dig.39.ccls. OR 156/dig.44.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	WITH	ON	2010/04/07 20:16
S63	119	arm (roller OR wheel) spring bias\$4 SAME label\$4	US-PGPUB; USPAT; USOCR; EPO; JPO	WITH	ON	2010/04/07 20:42
S64	1006	156/363 OR 156/364	US-PGPUB; USPAT; USOCR; EPO; JPO	WITH	ON	2010/04/07 22:12
S65	148	"156"/\$7 AND (spring NEAR3 bias\$4 (distance OR height OR measur\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO	WITH	ON	2010/08/13 12:17

S66	648	156/363	US-PGPUB; USPAT; USOCR; EPO; JPO	WITH	ON	2010/08/13 15:15
S67	549	156/364	US-PGPUB; USPAT; USOCR; EPO; JPO	WITH	ON	2010/08/13 15:15

**EAST Search History (I nterference)**

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